Certified Information Technology Manager (CITM)®

Course Outline

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What Modules are covered?

Module 1 - Foundation
1) Overview of Information Technology in the Workplace
2) Contributions of Information Technology to the Workplace
3) The Challenge of Change
4) Six Major Trends and Implications for Management

Module 2 – Understanding and Interpreting Information
1) What is Information?
2) Interpreting Information
3) Characteristics of Information
4) From Information to Knowledge
5) Decision Making

Module 3 - Business Frameworks and Information Technology
1) Frameworks for Information Technology
2) A Framework Based on IT
3) The Basics of Information Systems

Module 4 - Corporate IT Strategy
1) Modern Organizations
2) Organizational Flexibility
3) trategic Issues of Information Technology

Module 5 - Management Control of Information
1) Management Control
2) Information and Control
3) Management Issues and Security Issues

Module 6 - Information Technology and Globalization
1) The Impact of Globalization on Business
2) International Business Strategies
3) Managing Information Technology Internationally
4) Transnational Virtual Firms and IT

Module 7 - Understanding Software and Database Technologies
1) Managerial Concerns
2) Programming Languages
3) The Operating System
4) Mobile Technologies

Module 8 - Database Management
1) File Elements
2) Database Management Systems (DBMSs)
3) Databases in Systems Design

Module 9 - Building Information Systems
1) The Design Task
2) A Systems Design Life Cycle
3) User-Oriented Design
4) Tructured vs Object-Oriented Design

Module 10 - Systems Design - The Early Stages
1) Systems Analysis
2) Survey and Feasibility Study
3) Identifying System Alternatives
4) Undertaking Systems Design

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